Index of Claims

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09/744,612

Examiner

Applicant(s)/Patent under Reexamination

USKELA, SAMI

Art Unit

Meless N. Zewdu

2617

| 7 | Rejected |
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| H | Allowed  |

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| The color of the | Cla   | aim     | _      |   |   |       | Date     |          | - |  |   | 1   | Cla   | aim     | Г        |   |        |   | Date | <u></u> | <br> |   |     | CI    | aim     |
|--|-------|---------|--------|---|---|-------|----------|----------|---|--|---|-----|-------|---------|----------|---|--------|---|------|---------|------|---|-----|-------|---------|
| 1    v   |       |         | -      |   |   | Т     | -        | Ė        |   |  |   | -   |       |         |          |   |        | Ī |      |         |      | _ |     |       |         |
| 102   3   \( \)  | Final | Origina | 6/2/06 |   |   |       |          |          |   |  |   |     | Final | Origina | 6/2/06   |   |        |   |      |         |      |   |     | Final | Origina |
| 102   3   V  |       | 1       | 1      |   |   |       | $\vdash$ |          |   |  |   |     |       | 51      | 1        |   | T      |   |      |         |      |   |     |       | 101     |
| 3    V   | -     |         |        |   | _ | 1     | <u> </u> | <b> </b> |   | T  |   |     |       | 52      |          |   | T      |   |      |         |      |   | 100 |       | 102     |
| S  |       |         | 1      |   |   |       |          |          |   | İ  |   |     |       |         |          |   |        |   |      |         |      |   |     |       |         |
| 5  |       |         |        | _ | _ |       | 1        |          |   |  | Г |     |       | 54      |          |   | T      |   |      |         |      |   |     |       | 104     |
| 6   O  |       |         |        | _ |   | -     | T-       |          |   | İ  | Г |     |       |         |          |   | $\Box$ |   |      |         |      |   |     |       | 105     |
| 107  |       |         | 0      |   |   | Т     |          |          |   |  | Г |     |       | 56      |          | П | T      |   |      |         |      |   |     |       | 106     |
| Section   Sect |       |         | 1      |   |   |       | Г        | Г        |   |  |   | ١   |       |         |          |   |        |   |      |         |      |   |     |       | 107     |
| 9   V  |       | 8       | 0      |   |   |       | Г        |          |   | П  |   |     |       |         |          |   |        |   |      |         |      |   |     |       |         |
| 10   V     110   111   110   111   121   V     62   1112   113   V   63   114   64   114   115   V   65   66   66   116   117   67   117   118   68   69   69   69   69   119   120   120   121   122   122   V   70   70   70   70   70   70   70   | -     |         | 1      |   |   | Т     |          | Т        | Г | <del>                                     </del> |   | ľ   |       | 59      | $\vdash$ | П | ╗      |   |      |         |      |   | . 1 |       | 109     |
| 11   |       | 10      | 1      |   |   |       | Г        | Г        | Г | Г  | Г |     |       |         |          |   | $\Box$ |   |      |         |      |   |     |       |         |
| 12    V  |       |         |        |   |   |       |          | П        |   |  |   |     |       |         |          |   |        |   |      |         |      |   |     |       |         |
| 14   |       |         | 1      |   |   |       |          | Г        |   | Г  | Г |     |       | 62      |          |   |        |   |      |         |      |   |     |       | 112     |
| 14   |       | 13      | 1      |   |   |       |          |          |   |  | Γ | 1   |       | 63      |          |   |        |   |      |         |      |   |     |       | 113     |
| 15   |       |         | -      |   |   |       |          | П        | П | Г  |   | 1   |       | 64      |          |   |        |   |      |         |      |   |     |       | 114     |
| 16   |       | 15      | 1      |   |   |       |          |          | Π | Г  |   | 1   |       |         |          |   |        |   |      |         |      |   |     |       | 115     |
| 17   |       |         | -      |   |   |       |          |          |   | Γ  |   | ĺ   |       | 66      |          |   |        |   |      |         |      |   |     |       |         |
| 18   |       | 17      | -      |   |   |       |          |          |   |  |   | 1   |       | 67      |          |   |        |   |      |         |      |   | ٠.  |       |         |
| 19 -     69   119   120   120   121   122   22     122   23     123   123   123   124   125   126    |       | 18      | -      |   |   |       | Г        |          | Π |  |   |     |       |         |          |   |        |   |      |         |      |   | . : |       |         |
| 120  |       |         | -      |   |   | T     | $\vdash$ | Г        | Г |  |   | 1   |       |         |          |   |        |   |      |         |      |   |     |       |         |
| 21 -   -   71   121     22 √   -   123     24 -   -   74   123     24 -   -   75   125     26 -   -   76   126     27 -   -   77   127     28 -   -   78   128     29 -   79   129     30 -   80   130     31 -   81   131     32 -   82   132     33 -   83   133     34 -   84   134     35 -   86   135     36 -   86   135     37 -   87   137     38 -   88   138     39 -   90   140     41 -   91   141     42 -   92   142     43 -   93   143     44 √   94   144     45 -   96   146     47 √   98   148     49 √   99   149   |       | 20      | -      |   |   |       |          | Г        |   |  |   | į . |       |         |          |   |        |   |      |         |      |   |     |       | 120     |
| 122   123   124   125   125   126   126   127   127   128   128   129   129   129   129   129   129   129   129   129   129   129   129   130   131   131   131   132   132   132   133   133   134   134   135   136   136   137   138   139   140   141  |       | 21      | -      |   |   |       |          |          |   |  |   | 1   |       | 71      |          |   |        |   |      |         |      |   |     |       |         |
| 123   V   124   124   125   125   126   126   126   127   127   128   129   129   130   130   131   131   131   131   132   132   132   133   133   134   134   135   135   136   136   137   137   138   139    |       |         | 1      |   |   |       |          |          |   |  |   | 1   |       | 72      |          |   |        |   |      |         |      |   |     |       | 122     |
| 24 -   -   124     25 -   -   125     26 -   -   76   126     27 -   -   77   127     28 -   78   128     29 -   79   129     30 -   80   130     31 -   81   131     32 -   83   132     33 -   83   133     34 -   84   134     35 -   85   135     36 -   86   136     37 -   88   138     39 -   88   138     39 -   90   140     41 -   91   141     42 -   92   142     43 -   93   143     44 √   94   144     45 -   96   145     46 √   96   146     47 √   98   148     49 √   99   149  |       |         |        |   |   |       |          | П        | Г | Г  |   | ĺ   |       |         |          |   |        |   |      |         |      |   |     |       | 123     |
| 25   -   |       |         | -      |   |   |       | Г        |          |   |  |   | ĺ   |       |         |          |   |        |   |      |         |      |   |     |       | 124     |
| 26 -   76     27 -   127     28 -   128     29 -   129     30 -   80     31 -   130     31 -   82     33 -   83     33 -   83     33 -   83     33 -   84     33 -   84     33 -   85     36 -   85     37 -   86     88   136     37 -   88     88   138     39 -   90     40 -   91     41 -   92     43 -   94     44 \lambda \lam  |       | 25      | -      |   |   |       |          | Ī        |   | Г  | Г | 1   |       |         |          |   |        |   |      |         |      |   |     |       | 125     |
| 27 -   28 -   77   127     28 -   78   128     29 -   80   130     31 -   80   131     32 -   82   132     33 -   83   133     34 -   85   135     36 -   85   135     37 -   86   136     37 -   87   137     38 -   88   138     39 -   90   140     41 -   91   141     42 -   92   142     43 -   93   143     44 √   94   144     45 -   96   146     47 √   96   146     47 √   98   148     49 √   99   149   |       | 26      | -      |   |   |       |          |          |   |  | Г | 1   |       |         |          |   |        |   |      |         |      |   |     |       |         |
| 28 -   78   128     29 -   79   129     30 -   80   130     31 -   81   131     32 -   82   132     33 -   83   133     34 -   84   134     35 -   85   135     36 -   86   136     37 -   87   137     38 -   88   138     39 -   90   140     41 -   91   141     42 -   92   142     43 -   93   143     44 √   94   144     45 -   95   145     46 √   96   146     47 √   98   148     49 √   99   149  |       | 27      | -      |   |   |       | T -      |          |   |  | Г |     |       |         |          |   |        |   |      |         |      |   | ٠.  |       | 127     |
| 129  |       |         | -      |   |   |       |          | $\vdash$ |   | Т  | Г |     |       |         |          |   |        |   |      |         |      |   |     |       |         |
| 80   |       | 29      | -      |   |   |       |          |          |   |  |   | ١.  |       | 79      |          |   |        |   |      |         |      |   |     |       | 129     |
| 31 -   |       |         | -      |   |   |       |          | Г        |   |  |   |     |       |         |          |   |        |   |      |         |      |   |     |       |         |
| 32 -   |       | 31      | -      |   |   |       | Γ        | П        |   |  |   | 1   |       |         |          |   |        |   |      |         |      |   |     |       | 131     |
| 33   -   |       | 32      | -      |   |   |       | Г        |          |   |  |   |     |       | 82      |          |   |        |   |      |         |      |   |     |       | 132     |
| 34 -   84     35 -   85     36 -   86     37 -   88     39 -   88     40 -   90     41 -   91     42 -   92     43 -   93     44 √   93     45 -   95     46 √   96     47 √   98     48 √   99     99   148     49 √   99   |       | 33      | •      |   |   |       |          | П        |   | Г  | Г | 1   |       | 83      |          |   |        |   |      |         |      |   |     |       |         |
| 36 -   |       |         | -      |   |   |       | П        |          |   |  | Г |     |       | 84      |          |   |        |   |      |         |      |   |     |       | 134     |
| 37 -   |       | 35      | -      |   |   |       | Г        |          |   |  |   |     |       | 85      |          |   |        |   |      |         |      |   |     |       | 135     |
| 38 -   |       | 36      | -      |   |   |       |          | Г        |   |  |   | 1   |       | 86      |          |   |        |   |      |         |      |   | !   |       | 136     |
| 38 -   |       | 37      | -      |   |   |       |          |          |   |  |   |     |       | 87      |          |   |        |   |      |         |      |   |     |       | 137     |
| 39   -   |       | 38      |        |   |   |       |          |          |   |  |   |     |       | 88      |          |   |        |   |      |         |      |   | ľ   |       | 138     |
| 40 -   90   140   141   141   142   142   142   143   143   144   145   145   145   146   147   148   148   149  |       | 39      | -      |   |   |       |          |          |   |  |   |     |       | 89      |          |   |        |   |      |         |      |   |     |       | 139     |
| 41 - 91   42 - 92   43 - 93   44 √ 94   45 - 95   46 √ 96   47 √ 97   48 √ 98   49 √ 99  |       | 40      |        |   |   | $L^-$ |          | Г        |   |  |   |     |       | 90      |          |   |        |   |      |         |      |   |     |       | 140     |
| 42 - 92   43 - 93   44 √ 94   45 - 95   46 √ 96   47 √ 97   48 √ 98   49 √ 99  |       |         | -      |   |   |       |          |          |   |  | Г | ١.  |       | 91      |          |   |        |   |      |         |      |   |     |       | 141     |
| 43 - 93   44 √ 94   45 - 95   46 √ 96   47 √ 97   48 √ 98   49 √ 99  |       | 42      |        |   |   |       |          |          |   |  |   |     |       | 92      |          |   |        |   |      |         |      |   |     |       | 142     |
| 44   |       | 43      |        |   |   |       |          |          |   |  |   | ļ   |       | 93      |          |   |        |   |      |         |      |   |     |       | 143     |
| 45 -   95   145   146   146   147   148   149  |       | 44      | 1      |   |   |       |          |          |   |  |   |     |       | 94      |          |   |        |   |      |         |      |   |     |       | 144     |
| 46 \( \frac{1}{4} \)   |       |         |        |   |   |       |          |          |   |  |   |     |       | 95      |          |   |        |   |      |         |      | Ē |     |       | 145     |
| 47   \( \sqrt{1} \)  |       | 46      |        |   | Ľ |       |          |          |   | L  |   |     |       | 96      |          |   |        |   |      |         |      |   |     |       | 146     |
| 48 V 98 148 49 V 99 149  |       |         |        |   |   |       |          |          |   |  |   | 1   |       |         |          |   |        |   |      |         |      |   |     |       |         |
| 49 1 99 149  |       |         |        |   |   |       |          |          |   |  |   | 1   |       |         |          |   |        |   |      |         |      |   |     |       | 148     |
|  |       |         |        |   |   |       |          |          |   |  |   | l   |       | 99      |          |   |        |   |      |         |      |   |     |       | 149     |
| <u> </u>   |       | 50      | 7      |   |   |       |          |          |   |  |   |     |       | 100     |          |   |        |   |      |         |      |   |     |       | 150     |

| Cla      | aim                                    |          |  |                                     | [        | Date   |  |          | _  | _        |
|----------|--|----------|--|-------------------------------------|----------|--|--|----------|--|----------|
| Final    | Original                               | 90/2/9   |  |                                     |          |  |  |          |  |          |
| iĒ       |  |          | L  |                                     |          |  |  |          |  | L        |
|          | 51<br>52                               | 7        |  |                                     |          |  |  |          |  |          |
|          | 52                                     | 1        |  |                                     |          |  |  |          |  |          |
|          | 53                                     | 1        |  |                                     |          |  |  |          |  |          |
|          | 54                                     | 1        |  |                                     |          |  |  |          |  |          |
|          | 54<br>55                               | 1        |  |                                     |          |  |  |          |  |          |
|          | 56                                     |          |  |                                     |          |  |  |          |  |          |
|          | 57                                     |          |  |                                     |          |  |  |          |  |          |
|          | 58                                     |          | L  | $oxed{oxed}$                        |          |  |  | _        |  |          |
|          | 59                                     | <u> </u> |  |                                     |          |  |  |          |  |          |
|          | 60<br>61                               |          |  |                                     |          |  |  |          |  |          |
|          | 61                                     |          |  |                                     |          |  |  |          |  |          |
|          | 62                                     |          |  |                                     |          |  |  |          |  |          |
|          | 62<br>63                               |          |  |                                     |          |  |  |          |  |          |
|          | 64<br>65                               |          |  |                                     |          |  |  |          |  |          |
|          | 65                                     | L        |  |                                     |          | L  |  |          |  |          |
|          | 66                                     | L        |  |                                     |          |  |  |          |  | L        |
|          | 67                                     |          |  |                                     |          |  |  |          |  |          |
|          | 68                                     |          |  |                                     |          |  |  |          | L  |          |
|          | 68<br>69                               |          |  |                                     |          |  |  |          | <u>.                                    </u> |          |
|          | 70                                     |          |  |                                     |          |  |  |          |  |          |
|          | 71                                     |          |  |                                     |          |  |  |          |  |          |
|          | 72                                     |          |  |                                     |          |  |  |          |  |          |
|          | 71<br>72<br>73<br>74<br>75<br>76<br>77 |          |  |                                     |          |  |  |          |  |          |
|          | 74                                     |          |  |                                     |          |  |  |          |  |          |
|          | 75                                     |          |  |                                     |          |  |  |          |  |          |
|          | 76                                     |          |  |                                     |          |  |  |          |  |          |
|          | 77                                     |          |  |                                     |          |  |  |          |  |          |
|          | 78<br>79<br>80                         |          |  |                                     |          |  |  |          | _  |          |
|          | 79                                     | L        |  |                                     |          |  | L  |          |  | L_       |
|          | 80                                     |          |  |                                     |          |  |  |          |  | _        |
|          | 81                                     |          |  |                                     | L.       | <u> </u>                                     |  |          |  | _        |
|          | 82<br>83                               |          |  |                                     |          |  |  |          |  | L.       |
|          | 83                                     |          |  | _                                   |          |  | L  |          | _  | <u>L</u> |
|          | 84<br>85                               |          | _  |                                     |          | <u> </u>                                     |  |          | _  | _        |
|          | 85                                     |          | L.   |                                     | <u> </u> |  | L_   | L        | <u> </u>                                     |          |
|          | 86                                     |          | _  |                                     |          | <u> </u>                                     | <u> </u>   |          | <u> </u>                                     | L        |
|          | 87<br>88                               |          | L_   |                                     | _        | _  | L  |          | <u> </u>                                     |          |
|          | 88                                     |          |  |                                     | _        | <u> </u>                                     |  |          | <u> </u>                                     |          |
|          | 89                                     | _        |  |                                     |          | L.   |  |          | _  |          |
|          | 90                                     | L_       | <u> </u>                                     |                                     |          |  | $ldsymbol{ld}}}}}}$ |          |  |          |
|          | 91                                     | <u> </u> | <u>L</u>                                     | L_                                  | <u> </u> | <u> </u>                                     | <u> </u>   | <u> </u> | <u> </u>                                     | _        |
|          | 92                                     | <u> </u> | <u> </u>                                     |                                     | _        | <u> </u>                                     | L  | _        | $ldsymbol{f eta}$                            | <u> </u> |
|          | 93                                     | <u> </u> | <u> </u>                                     | <u> </u>                            | L_       | <u> </u>                                     | <u> </u>   | <u> </u> | <u> </u>                                     | <u> </u> |
|          | 94                                     | _        | <u>L</u>                                     | _                                   | L        | L  |  | _        |  |          |
| <u> </u> | 95                                     | ļ        | <u> </u>                                     | _                                   | <u> </u> | L.   | <u> </u>   | <u> </u> | ऻ_   | _        |
|          | 96                                     | L        | _  | _                                   | _        | L.   | <u> </u>   | L_       | <u> </u>                                     | _        |
|          | 97                                     | L_       | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$  |          | <u> </u>                                     |          |
|          | 98                                     |          |  |                                     |          | L.   | L_   |          | <u> </u>                                     | <u> </u> |
|          | 99                                     |          | <u>L</u>                                     |                                     | <u>_</u> |  |  | L        |  |          |
|          | 100                                    | l        | 1  | ı                                   |          | I  | ı  | ı —      | I  | I        |

| Claim       |  | - Date   |          |          |          |              |              |              |  |          |  |  |
|-------------|--|----------|----------|----------|----------|--------------|--------------|--------------|--|----------|--|--|
|             |  |          |          |          |          |              |              |              | П  |          |  |  |
| Final       | Original   |          |          |          |          |              |              |              |  |          |  |  |
|             | 101<br>102   |          |          |          |          |              |              |              |  |          |  |  |
|             | 102  |          |          |          |          |              |              |              |  | -        |  |  |
|             | 103  |          |          |          |          |              |              |              |  | -        |  |  |
|             | 104<br>105   |          | _        |          |          |              |              |              |  |          |  |  |
|             | 105  |          |          |          |          |              |              |              |  | Н        |  |  |
|             | 106<br>107   |          |          |          |          | -            |              |              | H  | $\vdash$ |  |  |
|             | 108  |          | -        | _        | _        |              |              |              | Н  | Н        |  |  |
|             | 109  |          |          |          |          |              |              |              |  |          |  |  |
|             | 110<br>111   |          |          |          |          |              |              |              | П  |          |  |  |
|             | 111  |          |          |          |          |              |              |              |  |          |  |  |
|             | 112  |          |          |          |          |              |              |              |  |          |  |  |
|             | 113  | Ш        | L        | L        |          | L            | L            | $oxed{oxed}$ | L  | Ш        |  |  |
| <u> </u>    | 114  |          |          | <u> </u> | _        | _            | Ш            |              |  |          |  |  |
| <u> </u>    | 115  | Ь.       | <u> </u> | <u> </u> | _        | $\vdash$     | H            | <u> </u>     | <del>                                     </del> | Н        |  |  |
|             | 110  |          |          | -        | _        | -            | H            | -            |  | -        |  |  |
| ļ           | 112<br>113<br>114<br>115<br>116<br>117<br>118        | H        |          | -        | -        | H            | H            | ┝            | H  |          |  |  |
| <b> </b> -  | 119  | H        | -        | -        |          | $\vdash$     | H            | H            | Н  | $\vdash$ |  |  |
| <del></del> | 120  | $\vdash$ | _        | $\vdash$ | _        |              | $\vdash$     | Н            | ┢  | $\vdash$ |  |  |
|             | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 | Г        |          | $\vdash$ | _        | $\vdash$     | $\vdash$     |              | ┢  | Н        |  |  |
| -           | 122  |          |          |          | -        |              |              |              |  |          |  |  |
|             | 123  |          |          |          |          |              |              |              |  |          |  |  |
|             | 124  |          |          |          |          |              |              |              |  |          |  |  |
|             | 125  | L        |          |          |          | <u> </u>     | L            |              |  |          |  |  |
|             | 126  | -        |          | <u> </u> |          |              | _            | <u> </u>     | -  |          |  |  |
|             | 127  | $\vdash$ | _        | -        |          | <del> </del> | <del> </del> | _            | H  | $\vdash$ |  |  |
|             | 120  | H        | <u> </u> | ⊢        | -        | ┢            | ┢            | $\vdash$     | H  |          |  |  |
|             | 128<br>129<br>130                                    | $\vdash$ | _        | ┢─       | -        | $\vdash$     |              | $\vdash$     | -  |          |  |  |
|             | 131  |          |          | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     |              |  |          |  |  |
|             | 131<br>132   |          |          |          |          |              |              |              |  |          |  |  |
|             | 133  |          |          |          |          |              |              |              |  |          |  |  |
|             | 134<br>135   |          |          | Ĺ        |          | Ĺ            | $\Box$       | Ĺ            |  |          |  |  |
| <u> </u>    | 135  | L        |          | <u> </u> |          | <u> </u>     | <u> </u>     | L            | L  |          |  |  |
| -           | 136  | <u> </u> | _        | <u> </u> | L        | <u> </u>     | <u> </u>     | <u> </u>     | ┞—   |          |  |  |
| <u> </u>    | 137<br>138   | H        | -        | -        | _        | -            | -            | <u> </u>     | <u> </u>   | $\vdash$ |  |  |
| <u> </u>    | 138  | $\vdash$ | $\vdash$ | $\vdash$ | <u> </u> | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$ |  |  |
|             | 140  | H        | $\vdash$ | $\vdash$ | -        | $\vdash$     | ┝            | $\vdash$     | $\vdash$   | $\vdash$ |  |  |
|             | 141  | H        | $\vdash$ | $\vdash$ | $\vdash$ | H            | ┢═           |              | H  |          |  |  |
|             | 142  | Ι        | $\vdash$ | _        | $\vdash$ | Г            | Г            |              | T  |          |  |  |
|             | 143  |          |          |          |          |              |              |              |  |          |  |  |
|             | 144  |          |          |          |          |              |              |              |  |          |  |  |
|             | 145  | L        | _        | L        | <u> </u> | L            | Ľ            |              |  |          |  |  |
|             | 146  | <u> </u> | <u> </u> | _        | _        | _            | $\vdash$     | _            | <u> </u>   | Щ        |  |  |
|             | 147  | <u> </u> | <u> </u> | -        | <u> </u> |              | $\vdash$     | _            | <del> </del>                                     | <u> </u> |  |  |
| -           | 148<br>149   | $\vdash$ | _        | -        | -        | $\vdash$     | <u> </u>     | _            | $\vdash$   | $\vdash$ |  |  |
|             | 150  | ├        | -        | -        | _        | _            | -            | -            | $\vdash$   | ├─┤      |  |  |
| L           | 130  | L:       | Ц        |          | Ц_       |              |              |              |  |          |  |  |